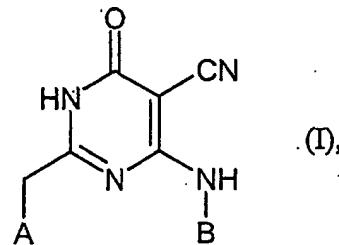


Amended Claims (Attorney Docket No. LeA 36 784)

1. (Currently amended) A compound Compounds of the formula

in which

A is C_1 - C_8 -alkyl, C_3 - C_8 -cycloalkyl, tetrahydrofuryl or tetrahydropyranyl, which are optionally substituted by up to 3 radicals independently of one another selected from the group of C_1 - C_6 -alkyl, C_1 - C_6 -alkoxy, hydroxycarbonyl, cyano, trifluoromethyl, trifluoromethoxy, amino, hydroxy, C_1 - C_6 -alkylamino, halogen, C_1 - C_6 -alkylaminocarbonyl, C_1 - C_6 -alkoxycarbonyl, C_1 - C_6 -alkylcarbonyl, C_1 - C_6 -alkylsulfonyl and C_1 - C_6 -alkylthio,

where C_1 - C_6 -alkyl, C_1 - C_6 -alkoxy, C_1 - C_6 -alkylamino, C_1 - C_6 -alkylaminocarbonyl, C_1 - C_6 -alkoxycarbonyl, C_1 - C_6 -alkylcarbonyl, C_1 - C_6 -alkylsulfonyl and C_1 - C_6 -alkylthio are optionally substituted by one or more radicals selected from the group of hydroxy, cyano, halogen, hydroxycarbonyl and a group of the formula $-NR^3R^4$,

where

R^3 and R^4 are independently of one another hydrogen or C_1 - C_6 -alkyl,

or

R^3 and R^4 together with the nitrogen atom to which they are bonded are 5- to 8-membered heterocyclyl,

B is phenyl or heteroaryl which are optionally substituted by up to 3 radicals independently of one another selected from the group of C_1 - C_6 -alkyl, C_1 - C_6 -alkoxy, hydroxycarbonyl, cyano, trifluoromethyl, trifluoromethoxy, amino, nitro, hydroxy,

C₁-C₆-alkylamino, halogen, C₁-C₆-alkylaminocarbonyl, C₁-C₆-alkoxycarbonyl, C₁-C₆-alkylcarbonyl, C₁-C₆-alkylsulfonyl and C₁-C₆-alkylthio,

where C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylamino, C₁-C₆-alkylaminocarbonyl, C₁-C₆-alkoxycarbonyl, C₁-C₆-alkylcarbonyl, C₁-C₆-alkylsulfonyl and C₁-C₆-alkylthio are optionally substituted by a radical selected from the group of hydroxy, cyano, halogen, hydroxycarbonyl and a group of the formula -NR³R⁴,

where

R³ and R⁴ have the abovementioned meanings,

and the or salts, solvates and/or solvates of the salts thereof.

2. (Currently amended) A compound as claimed in claim 1, where

A is C₁-C₅-alkyl or C₃-C₆-cycloalkyl, which are optionally substituted by up to 3 radicals independently of one another selected from the group of C₁-C₄-alkyl, C₁-C₄-alkoxy, hydroxycarbonyl, cyano, amino, hydroxy, C₁-C₄-alkylamino, fluorine, chlorine, bromine, C₁-C₄-alkoxycarbonyl, C₁-C₆-alkylcarbonyl, C₁-C₄-alkylsulfonyl and C₁-C₄-alkylthio,

where C₁-C₄-alkyl and C₁-C₄-alkoxy are optionally substituted by a radical selected from the group of hydroxy, cyano, fluorine, chlorine, bromine, hydroxycarbonyl and a group of the formula -NR³R⁴,

where

R³ and R⁴ are independently of one another hydrogen or C₁-C₄-alkyl,

or

R³ and R⁴ together with the nitrogen atom to which they are bonded are 5- to 6-membered heterocyclyl,

B is phenyl, thienyl or pyridyl, which are optionally substituted by up to 3 radicals in each case independently of one another selected from the group of C₁-C₄-alkyl, C₁-C₄-alkoxy, hydroxycarbonyl, cyano, trifluoromethyl, trifluoromethoxy, amino, hydroxy, C₁-C₄-

alkylamino, fluorine, chlorine, bromine, C₁-C₄-alkylaminocarbonyl, C₁-C₄-alkoxycarbonyl, C₁-C₄-alkylcarbonyl, C₁-C₄-alkylsulfonyl and C₁-C₄-alkylthio,

where C₁-C₄-alkyl and C₁-C₄-alkoxy are optionally substituted by a radical selected from the group of hydroxy, cyano, fluorine, chlorine, bromine, hydroxycarbonyl and a group of the formula -NR³R⁴,

where

R³ and R⁴ have the abovementioned meanings,

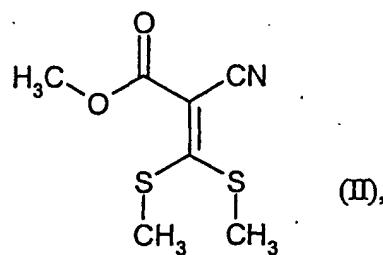
and the or salts, solvates and/or solvates of the salts thereof.

3. (Currently amended) A compound as claimed in claims 1 and 2, where

- A is C₃-C₅-alkyl or C₅-C₆-cycloalkyl,
- B is phenyl, thienyl or pyridyl, which are optionally substituted by up to 3 radicals in each case independently of one another selected from the group of C₁-C₃-alkyl, trifluoromethyl, hydroxy, methoxy, ethoxy, cyano, dimethylamino, diethylamino, methoxycarbonyl, ethoxycarbonyl, methylcarbonyl, ethylcarbonyl, fluorine and chlorine,

and the or salts, solvates and/or solvates of the salts thereof.

4. (Currently amended) A process for preparing compounds of the formula (I), characterized in that compounds of the formula



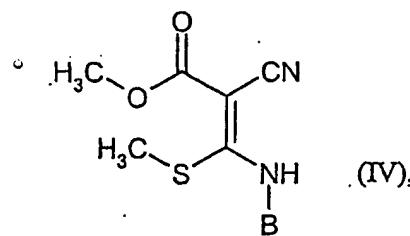
are initially converted with a compound of the formula



in which

B has the meanings stated in claims 1 to 3,

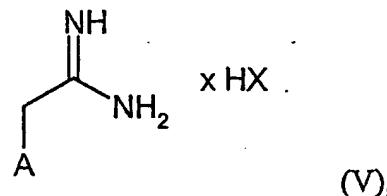
at elevated temperature in an inert solvent or else in the absence of a solvent into a compound of the formula



in which

B has the meanings stated in claims 1 to 3,

and the latter is then reacted in an inert solvent in the presence of a base with a compound of the formula



in which

A has the meanings stated in claims 1 to 3,

and the resulting compounds of the formula (I) are reacted where appropriate with the appropriate (i) solvents and/or (ii) bases or acids to give their solvates, salts and/or solvates of the salts.

5. (Cancelled).
6. (Original) A medicament comprising at least one of the compounds as claimed in any of claims 1 to 3 and at least one pharmaceutically acceptable, essentially nontoxic carrier or excipient.
7. (Cancelled).
8. (Cancelled).
9. (Currently amended) ~~The use of the compounds as claimed in any of claims 1 to 3 for producing a medicament for~~ A method for improving perception, concentration, learning and/or memory comprising administering to a human or animal an effective amount of a compound of claims 1 to 3.
10. (Currently amended) A method for ~~controlling~~ treating impairments of perception, concentration, learning and/or memory in humans or animals ~~by~~ comprising administering ~~to~~ a human or animal an effective amount of ~~the~~ a compounds ~~from~~ of claims 1 to 3.
11. (Original) The method as claimed in claim 10, where the impairment is a consequence of Alzheimer's disease.